

1971-1972, 1973, 1974.

Consequences of insufficient survey in building the Zaskali
Dam. Geol. prazkem 6 no.10:304-306 O '64.

1. Central Geological Institute, Prague.

HAUFLER, V. · STRIDA, M., dr. CSc.; STEPANEK, M., inz. arch. CSc.; PECKA, K., inz.;
GOTZ, Antonin, promovany geograf

Geography in scientific institutes and in economic practice. Sbor
zem 69 no.4:333-336 '64.

1. Geographical Institute of the Czechoslovak Academy of Sciences,
Prague (for Strida and Gotz). 2. Director of the State Institute
of Zone Planning, (for Stepanek). 3. Chief Editor of the Institute
of Cartography and Reproduction, Prague (for Pecka).

BRANIK, Václav

Current problems of milk pasteurization; also, comments by J. Sulc. p. 949.

PRŮMYSLOVÝ PRŮMYSL. (Ministerstvo potravinářského průmyslu)
Praha, Czechoslovakia Vol. 10, no. 10, Oct. 1959

Monthly List of East European accession, (EEAI), IC, Vol. 8, No. 12, Dec. 1959
Uncl.

STEPANEK, Mirko

CZECHOSLOVAKIA

MVDr

Brno

Prague, Veterinarstvi, No 11, Nov 62, pp 338-341.

"Problems and Requirements in Milk Hygiene for Calves in Large-Scale Barns for Calves"

STEPANEK, M.; BINOVEC, J.; CHALUPA, J.; JIRIK, V.; SCHMIDT, P.; ZELINKA, M.

Problems of water blooms in hygiene of water. II Water blooms
on Czechoslovak reservoirs and ponds. Cesk. hyg. 9 no.4:
209-215 My'64

1. Ustav hygieny, Praha.

STEPANEK, Milos

Conference on engineering geology in gypsum karst. Geol pruzkum
7 no.2:61-62 F '65.

STEPANEK, M

M. STEPANEK

"The fauna of Rhizopoda and Heliozoa of the forest pool on the Hradek near Kunratice. p. 76. (CASOPIS; ODBIL PRIRODOVEDNY, Vol. 121, no. 1, 1952, Prague, Czechoslovakia)

SC: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1 53, Uncl.

STEPANEK, M.

Stepanek, M. Testacea from the Riesengebirge Mountains. p. 96. CASOPIS; ODDIL
PRIRODOVEDNY. Praha. Vol. 123, no. 1, 1954.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

STEPANEK, M.

"Amoeba and amoebic stages of flagellata freely living in garden soils."

p. 125 (Universitas Carolina. Biologica) Vol. 2, no. 2, 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

1. 1. 1. ; 1. 1. 1.

A new type of device for taking samples in deep water. p.224.
BIOLOGIA. (Slovenska akademija vied) Bratislava.. Vol. 11, no. 4,
1956.

SOURCE: East European Accessions List, (EAL), Library of Congress,
Vol. 5, no. 12, December 1956.

CZECHOSLOVAKIA/Photometry. Colorimetry

K-12

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 28923

Author : Stopanek Miroslav

Inst : Not Given

Title : Establishment of Visibility Limit for Individual Portions
of the Light Spectrum in Water.

Orig Pub : Biologia, 1958, 13, No 4, 295-298

Abstract : The paper describes an expanded and supplemented method of Secchi for the measurement of the visibility limit. The author employs a series of colored boards, the color of which corresponds to individual sections of the light spectrum. To work with the prototype, the author used ordinary color lacquers, commercially available. This method of measurement of the visibility limit in individual portions of the light spectrum has been compared by the author with measurements which he carried with a Pulfrich photocolormeter. The data of these measurements confirm the suitability of the new method. The author therefore proposes that the new method, after being

Card : 1/2

CERVENKA, Rudolf; STEPANEK, Miroslav; VOTAVOVA, Milena; CERVENKOVA, Eva;
KORBOVA, Milada; KANDLER, Maximilian

Limnological study of the reservoir Sedlice near Zeliv; part 7: Methods
of selecting new algicide compounds. Sbor pal vod VSChT no.3, part 1:
247-290 '59.

1. Terenni laborator Ustavu hygieny v Sedlici; and Katedra technologie
vody Vysoke skoly chemicko-technologicke, Praha.

SEPARNEK, M., AND OTHERS

The Ca 350 algicide preparation in practice. p. 281.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodního hospodářství a
Technická technická společnost pro vodní hospodářství) Praha, Czechoslovakia,
No. 6, June 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

STEPANEK, Vladimir; STEPANEK, Miroslav; CHALUPA, Jiri

Limnologic study of the reservoir Sedlice near Zeliv. V. Relation of organism counts to dissolved oxygen content. Sbor pal vod VSChT 3 no.2:221-238 '60. (EEAI 10:2)

1. Institute of Hygiene and Department of Water Technology, Prague.
(Czechoslovakia--Reservoirs) (Algae) (Oxygen)

STEPANEK, Miroslav

Limnologic study of the reservoir Sedlice near Zeliv.VI. Meteorological part; sunshine records. Sbor pal vod VSChT 3 no.2:239-315 '60.

(EEAI 10:2)

1. Institute of Hygiene and Water Technology, Prague.
(Czechoslovakia--Reservoirs)
(Meteorology) (Sunshine)

STEPANEK, Miroslav; CERVENKOVA, Eva

Limnologic study of the reservoir Sedlice near Zeliv. VIII. Horizontal distribution of the zooplankton in various sections of the reservoir (Protozoa, Rotatoria, Crustacea). Sbor pal vod VSChT 3 no.2:317-362 '60. (EEAI 10:2)

1. Institut gigiyeny i Kafedra tekhnologii vody, Praga.
(Czechoslovakia--Reservoirs)
(Zooplankton) (Protozoa) (Rotifera) (Crustacea)

STEPANEK, Miroslav; POKORNY, Josef

Practical knowledge of the bacteriomass and phytoplankton development
in the Sedlice Reservoir during 1957-1958. Sbor pal vod VSChT 4
no.1:333-378 '60. (EEAI 10:9)

1. Katedra technologie vody, Vysoka skola chemicko-technologicka,
Praha a oddeleni hygieny vody Ustavy hygieny, Praha.

(Czechoslovakia—Water) (Czechoslovakia—Phytoplankton)
(Czechoslovakia—Reservoirs)

STEPANEK, Miroslav

Production of algae in the light of different colors and its practical utilization. Sbor pal vod VSChT 4 no.1:379-397 '60.
(EEAI 10:9)

1. Katedra technologie vody, Vysoka skola chemicko-technologicka, Praha a Ustav hygieny, Praha.

(Algae)

STEPANEK, Miroslav

Hydrobioclimatology. Biologia 15 no.9:708-713 '60.

(Erat 10:4)

1. Ustav hygieny, Praha.
(HYDROBIOLOGY)
(BIOCLIMATOLOGY)

NEZVAL, Jaroslav; STEPANEK, Miroslav; NEJEZCHLEBA, Jaroslav

Experiment with the use of quaternary ammonia salt Septonex for decontamination of the DA 100 milking machine. Prum potravin 13 no.12:638-642 D '62.

1. Universita J.E.Purkyne, katedra hygieny a epidemiologie lekarske fakulty, Brno (for Nezval). 2. Vysoka skola zemedelska, katedra pro hygienu a technologii potravin, veterinarni fakulta, Brno (for Stepanek). 3. Okresni veterinarni zarizeni, Brno (for Nejezchleba).

STEPANEK, OTAKAR

Zemedelska Zoologie. [Vyd. 1.] Praha, Statni pedagogicke nakl., 1952. 160 p.
(Ucebni texty vysokych skol) [Agricultural zoology. Illus., bibl.]

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC., VOL. 3, No. 1, Jan. 1954, Uncl.

O. STEPANEK

"Soviet ichthyology and our fish. p. 3. (JASOPIS; ODDEL PRILOGEDENI, Vol. 121, no. 1, 1952, Prague, Czechoslovakia)

SO: Monthly List of East European Accessions, L.C. Vol. 2 No. 7, July 1953, Uncl.

STEFANEK, O.

"Green Aquatic Frogs of the Rana genus and Artificial Ponds for Hatching Fish." p. 34
(CASOPIS; ODDIL PŘIRODOVEDNY, Vol. 122, No. 1, 1953) Prague, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

STEPANEK, O.

"A Graphic Scheme of Evolution." p. 29 (CASOPIS; ODDIL PRIRODOVEDNY, Vol. 122, No. 1, 1953) Prague, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

STEPANEK, OTAKAR.

Ozivnen vody. (Illustroval Pavel Gruner) Praha, Orbis, 1954, p.309
(Knihovna Veda a zivot) Water life. illus. (part of col.) NN
Not in DL C

STEPANEK, O.

Reptiles and Amphibia indigenous to the Kralicky Sneznik area. p. 75

Vol. 124, no. 1, 1955
CASOPIS; ODDIL PRIRODEVEDNY
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

STEPANEK, J.

The zoological museum in Rome. p. 86. (CASOPIS; ODDIL PŘÍRODOVEDNÝ, Vol. 126,
No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

STEPANEK, Pavel, MUDr Mar. Lazne

Rehabilitation of hemiplegic patients at home. Prakt. lek. 34
no.10:226-228 Ap '54.

(HEMIPLEGIA

*rehabil. at home)

(REHABILITATION

*hemiplegia, at home)

EXCERPTA MEDICA Sec.14 Vol.12/5 Radiology May 1958

955. RADON BATHS IN ARTHROSIS - Zkušenosti s radonovými koupelemi u arthros - Štěpánek P. - FYSIAT. VESTN. (Praha) 1957, 35/2 (87-89) Tables 1

The influence of radon baths in arthrotic pains has been followed. After 15 exposures at a concentration of 130 c./l. there was improvement in 85%, after 20 exposures at the same concentration the improvement was the same. After 15 exposures at twice the specific activity there was improvement in only 50%. At this level there was increased pain in 25%. In the control group, treated with CO₂ baths, pain was slightly improved in 35% only. All 4 groups contained 20 patients. Each exposure was of the same duration for all patients. Bath temperature was immaterial. No other procedures were carried out in the observation period. Radon baths are advantageous in lessening arthrotic pain. It is a good preparation for intensive movement therapy.

DVORSKY, Evzen; STEPANEK, Pavel

Studies on urological complications in post-traumatic paraplegia.
Rozhl. chir. 38 no.10:700-708 O '59

1. Urologické oddelení Československých státních lázní v Mariánských
Lázních přednosta MUDr. E. Dvorský.
(PARAPLEGIA, compl.)
(URINARY TRACT, dis.)

STEPANEK, P.

Experience with the spa treatment of patients recuperating from burns. Acta chir. plast. 3 no.2:131-136 '61.

1. Balneology Research Institute, Mariánské Lázně (Czechoslovakia)
Director: Prof. K. Pírovský.

(BALNEOLOGY) (BURNS therapy)

STEPANEK, P

KRIZEK, V.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: /presumably/ Balneological Research Institute (Vyzkumny ustav balneologicky), Marianske Lazne; Director: Prof. K. Prerovsky, MD.

Source: Prague, Vnitřní Lékarevi, Vol VII, No 7, 1961, pages 791-792.

Data: "Changes of Body Measurements Associated With a Considerable Weight Reduction."

Co-authors:

STEPANEK, P. /presumably/ Balneological Research Institute, Marianske Lazne.

DOLECEK, R., /presumably/ Department of Internal Medicine (Vnitřní oddelení), KUNZ /Krajský ústav národního zdraví; Kraj Institute of Public Health/, Ostrava; Director: Head Physician J. CERNÝ, MD.

GPO 1961-63

STEPANEK, P.

KRIZEK, V.

SURNAME, Given Names

3

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Balneological Research Institute (Vyzkumny ustav balneologicky),
Mariánské Lázně; Director: K. PREROVSKÝ, MD.

Source: Prague, Vnitřní Lekarství, Vol VII, No 7, 1961, pages 807-808.

Data: "Creatinine Index in Obesity."

Co-author:

STEPANEK, P., Balneological Research Institute, Mariánské Lázně.

0-0 00100

STEPANEK, Pavel

SOURCE (in caps); Given Names

2

Country: Czechoslovakia

Academic Degrees: MUDr

Affiliation: Balneological Research Institute (Vyzkumny ustav balneologicky),
Marianske Lazne; Chief (Prednosta): Prof MUDr K Prerovsky

Source: Brno, Vnitřní Lekarství. Vol VII, No 8, August 1961, pp 898-899

Data: "The Problem of the Effect of Obesity on the Longitudinal
Vault of the Foot."

///

STEPANEK, Pavel

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: MUDr

Affiliation: Balneological Research Institute (Vyzkumny ustav balneologicky)
Mariánské Lázně; Director (Reditel): Prof Dr K Prerovsky

Source: Brno, Vnitřní Lekarství, Vol VII, No 8, August 1961, pp 931-936

Data: "Spa Treatment of Obesity."

108

ŠTĚPÁNEK, P; KŘÍŽEK, V.

Czechoslovakia

Research Institute for Psychiatry, Balneology and
Climatology -- Marienbad (Výzkumný ústav pro
fyziatrii, balneologii a klimatologii -- Mariánské
Lázně); Director: K. PREROVSKÝ, Prof. Dr. - (for all)

Prague, Fyziatrický Věstník, No. 5, 1962, pp 271-275

"Investigating Problems in the Treatment of Obesity
by Psychiatric Methods."

STEPANEK, PAVEL

#245

— 1/2 —

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30

1. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

2. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

3. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

4. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

5. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

6. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

7. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

8. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

9. Information on the latest status of the operations of the
Research in the field of physics, chemistry, biology, medicine,
astronomy, etc., for the year 1977.

STEPANEK, Pavel; MYDLIL, Frantisek, MUDr.; KOPECNY, Jaroslav; BRZEK,
Vladimir

Decortication of the lungs during resection for tuberculosis
and histological examination of the pleura. Sborn. ved. prac.
lek. fak. Karlov. Univ. 9 no.1:147-154 '64.

1. Plcni lecebna v Zamberku Obvodniho ustavu narodniho zdravi
Usti n. Orl. (reditel: MUDr. F. Mydlil); Patologicko-anatomicky
ustav (prednosta: prof. MUDr. A. Fingerland, DrSc) a Chirurgicka
klinika (prednosta: prof. MUDr. J. Prochazka, DrSc.) Karlovy
University v Hradci Kralove.

STEFAN, J.; FUDOLK, L.; KALIN, V.

L-Thyroxine (Tetraxin glaze) in the treatment of obesity.
Ann. Lek. cesk. 103 no.42:1116-1171 1964.

1. Vyskumny ustav pro Psychiatrii, Balneologii a klimatologii v
Pavlovskym lazni (reditel prof. dr. K. Prerovsky).

SONKA, J.; KRIZEK, V.; STEPANEK, P.; KUCEROVA, M.; ZBENKOVA, A.;
ZDVINAL, J.

Muscle activity and a reducing regimen. Vnitřní lek. 11 no.3:
245-261 Mr '65

1. Laborator pro endokrinologii a metabolismus, fakulta vše-
obecného lékařství v Praze (prednosta akademik Josef Charvat);
Výzkumný ústav pro fyziologii, balneologii a klimatologii,
Marianské Lázně (prednosta: prof. Karel Prerovsky, Dr.Sc.) a
katedra tělesné výchovy Karlovy University, Praha (vedoucí:
doc. Jiri Jirousek).

STEPANEK, P.; SADILEK, L.; KRIZEK, V.

Protein-anabolic steroids in the treatment of obesity.
Cesk. gastroent. vyz. 19 no.5:319-321 J1 '65.

1. Vyzkumny ustav pro fyziatrii, balneologii a klimatologii
v Mar. Laznich (reditel prof. dr. K. Prerovsky).

CZECHOSLOVAKIA

UDC 613.24-092.6

KRIZEK, Vladimir, Dr; ~~STEPANEK, Pavel, Dr~~; SADILEK, Ludvik, Dr;
Research Institute for Physiatry, Balneology, and Climatology
(Vyzkumny Ustav pro Fyziatrii, Balneologii a Klimatologii), Ma-
rianske Lazne, Director (Reditel) Prof Dr K. PREROVSKY .

"Some Changes During a Fast or Several Days in Men."

Prague, Vojenske Zdravotnicke Listy, Vol 36, No 1, Feb 67, pp
23 - 26

Abstract: Experiments were conducted on a group of 25 men who re-
ceived no food at all for 3 days; the intake of water was not
limited at all. The loss of weight averaged 3.72 kg, out of
which 12.5% was active human body (non-fat). A great number
of changes caused by starvation were determined. The water bal-
ance after 3 days was positive, diuresis was slightly reduced,
the levels of uric acid, cholesterol, and lipids in the blood
were increased. The subjective tolerance of the test was good.
5 figures, 1 Table, 4 Western, 2 Czech references.
1/1

STEPANEK, Pavel, inz.

Contribution to the geodetic examination of deformations caused
by setting down of constructions. Geod kart obzor 8 no.9:167-
172 S '62.

1. Stavoprojekt, Brno.

STEPANEK, Pavel, inz.

A method of correct classification of rocks according to their
minability and separability. Sil doprava 10 no.12:20-22
D '62.

1. Stavoprojekt, Brno.

STEPANEK, Pavel, inz.

Stabilization of running sands. Tech praca 14 no.2:118-121 F '62.

1. Stavoprojekt, Brno.

STEPANEK, Pavel. inz.

Laying foundations for the State theater building in Brno. Poz
stavby 11 no.1:27-31 '63.

STEPANEK, Pavel. inz.

Broken foundation plates. Inz stavby ll no.1~~27~~-34 Ja '63.

1. Stavoprojekt Brno.

STEPÁNEK, Pavel, inz.

Gravel and blast-furnace slag as materials for machine foundations. Poz stavby II no.4:204-209 '63.

1. Stavoprojekt, Brno.

BRUCKNER, L.; STEPANEK, Pinos

Practical utilization of the technic of direct x-ray augmentation.
Cesk. rentg. 13 no.4:242-248 Aug 59

1. Onkologicke oddeleni KUNZ v Ostrave V, Paskove, prednosta prim.
MUDr. B. Rappersberg Rentgenologicke oddeleni KUNZ v Ostrave V,
prednosta prim. MUDr. J. Metelka.
(RADIOGRAPHY)

BREZINA, Vitezslav; VALCHA, Jirir; STEPANEK, Radislav

Use of Bohemian magnetites for preparation of ammonia synthesis catalysts. Part 2 : Chemical method of magnetite purification and preparation of catalysts. Chem prum 12 no.12:645-649 D '62.

1. Vyzkumný ústav organických syntez, Pardubice - Rybitví.

L 21455-66 T/EWP(t) JD/DJ

ACC NR: AP6011970

SOURCE CODE: CZ/0057/65/000/003/0127/0132

AUTHOR: Kamensky, Robert (Engineer; Candidate of sciences); Stepanek, Radim
(Engineer) 19
B

ORG: Metallurgical Research Institute, VZKG, Ostrava (Vyzkumny ustav metalurgicky VZKG)

TITLE: Evaluation of experiments with casting of cast iron cylinders with precast forms

SOURCE: Hutnik, no. 3, 1965, 127-132

TOPIC TAGS: metal casting, cast iron 10

ABSTRACT: Four methods of precasting of cast iron cylinders are described. Using sand forms with massive coolers, smooth forms with inserted coolers, into length-wise split profile forms, and into smooth forms with preformed shapes, using cooled form mixtures. The experiments indicate that best results are obtained using forms with inserted circular coolers; where the production is large, it is possible to use split shape-adjusted forms. Cylinders requiring limited hardness can be cast into forms with inserted circular coolers, after the forms were lubricated. Cylinders for higher hardness should be cast into forms with massive coolers. Orig. art. has: 7 figures. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 002 / SOV REF: 001

Card 1/1

KAMENSKY, R., inz., CSc.; STEPANEK, R., inz.

Composite nickel-chrome iron rolls for strip mills. Hut listy
18 no.9:645-652 S'63.

1. Vyzkumny ustav metalurgicky, Vitkovicke zelezarny Klementa
Gottwalda, Ostrava.

KUKURA, J.; MIKLETIC, T.; NEUSCHL, S.; STEPANEK, S.

Contribution to a method for the study of teaching processes.
Bratisl. Lek. Listy 42 no.1:15-26 '62.

1. Z Ustavu hygieny Lek. fak. Univ. Komenskeho v Bratislave, veduci akademik V. Mucha, z Katedry automatizacie a regulacie Elektrotechnickej fakulty SVST v Bratislave, veduci prof. dr. inz. M. Salamon, a z Ustavu pre lekarsky film a fotografiu Lek. fak. Univ. Komenskeho v Bratislave, veduci S. Stepanek.
(EDUCATION)

KUKURA, J.; MIKLETIC, T.; NEUSCHL, S.; STEPANEK, S.; technicka spolupraca:
JANCOVA, M.; IVANICOVA, E.

Contribution to the study of some life manifestations in students of the 7th class during the course of learning. Bratisl. lek. listy 2 no.10:610-619 '63.

1. Ustav hygieny Lek.fak. Univ. Komenskeho v Bratislave (veduci: akademik V.Mucha); Katedra automatizacie a regulacie Elektrotechnickej fakulty SVST v Bratislave (veduci: prof.dr. inz. M.Salamon) a Ustav pre lekarsky film a fotografiu Lek.fak. Univ. Komenskeho v Bratislave (veduci: S.Stepanek).

*

STEFANEK, S.

"For New Slovak Technical Terminology", P. 314. (TECHNICKA PRACA, Vol. 4,
No. 5, May 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

KUKURA, J.; MIKLETIC, T.; BAJUZIKOVA, A.; NEUSCHL, S.; STEPANEK, S.

Use of the reaction time, assessed cinematographically, for
investigating the process of training. Cesk. hyg. 8 no.4:
202-211 My '63.

(CENTRAL NERVOUS SYSTEM) (REACTION TIME)
(MOTION PICTURES) (HEARING)
(VISUAL PERCEPTION) (PSYCHOLOGY, EDUCATIONAL)

KUPKA, Ivan; NEMEC, Jaroslav; STEPANEK, Stanislav

Internal stresses in making pressure vessels for nuclear reactors. JADERNA energie 9 no.5:146-155 My '63.

1. Zavody V.I. Lenina, Plzen.

SOURCE: Jaderna energie, no. 9, 1964, 322-336

TOPIC TAGS: pressure vessel, low carbon steel, nonaging steel, manual arc welding, impact strength, electroslag welding, automatic welding, nuclear power plant

ABSTRACT: A survey is made of investigations and determinations of the optimum dimensions and shape of the most stressed parts of the pressure vessel of the first Czechoslovak nuclear power plant, in particular, the cover, the bottom, and the inlet and exit flanges of the cooling gas tube. The reactor is D₂O moderated and CO₂ cooled. For a power output of 150 MW its diameter is about 5 m and altitude 20 m, and for an operating pressure of 65 at the cylindrical walls must be 150 mm thick. The pressure vessel is made of low-

Card 1/2

L 14020-65

ACCESSION NR: AP4044866

2

carbon, small-grain, non-aging steel having good mechanical properties, especially impact strength, and a minimum of permissible defects. The investigation shows that both manual arc welding and automatic electroslag welding can be successfully used for welding the heaviest parts of the pressure vessel. A program has been set up for investigating brittle hardness and the results are being checked on a model of the pressure vessel. Orig. art. has: 32 diagrams and 3 formulas.

ASSOCIATION: Zavody V. I. Lenina, Plzen.

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NO REF SOV: 002

OTHER: 00

Card 2/2

. STEPANEK, S.

"Nuclear reactor containment buildings and pressure vessels".

Reviewed by St. Stepánek, ~~St. Stepánek~~ Jaderna energie 8 16.4:144

Ap '62.

HAUER, Josef; HAVEL, Stanislav; NEPEC, Jaroslav; STEPANEK, Stanislav

Pressure vessel of the first Czechoslovak nuclear power plant.
Jaderna energie 10 no.9:322-336 S '64.

1. Zavody V.I. Lenina National Enterprise, Plzen.

L 12940-66

ACC NR: AP6005675

SOURCE CODE: CZ/0079/65/G07/002/0186/0186

AUTHOR: Kukura, J.; Mikletic, T.; Neuschl, S.; Stepanek, S.

ORG: Department of Hygiene, Medical Faculty, Comenius University, Bratislava

TITLE: Cinematographic method of recording reaction time in pupils under normal school conditions [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 186

TOPIC TAGS: man, psychology, behavior pattern

ABSTRACT: The authors describe an arrangement that allows recording of the reaction time without disturbing the normal course of lessons. Reaction time measurements were made with pupils in the 4th, 7th, and 10th grades. Reaction times return to the level of the beginning of the school day at the start of the fourth period, after slowing down during the day. [JPRS]

SUB CODE: 05, 06 / SUBM DATE: none

Card 1/1 HW

STEPANEK, S.

"Equalizing the Voltage of Electric Lines in Copying and Enlarging",
P. 311. (TECHNICKA PRACA, Vol. 6, No. 5, May 1954, Bratislava,
Czechoslovakia)

SC: Monthly List of East European Accessions, (EEAL), IC, Vol. 4,
No. 1, Jan. 1955, Uncl.

STEFANEC, S.

"Can a Darkroom be very Brightly Illuminated? P. 248. (TECHNICKA
FOTOGRAFIE, Vol. 4, No. 4, Apr. 1954, Bratislava, Czechoslovakia)

SC: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

STEPANEK, V.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15351.

Author : Dobry M., Stepanek V.

Inst :

Title : Technology of Concrete from Moravian Tuffs

Orig Pub: Stavivo, 1957, 35, No 7, 266-270

Abstract: No abstract.

Card : 1/1

Z/018/60/000/004/002/003
E073/E535

AUTHOR: Štěpánek, Václav
TITLE: Soldering of Aluminium and Aluminium Alloys by means of
an ultrasonic Soldering Iron
PERIODICAL: Elektrotechnik, 1960, No.4, pp.106-107
TEXT: General information is given on the technology of
soldering aluminium and aluminium alloys by means of an ultra-
sonically agitated soldering iron, mentioning particularly the
soldering iron produced by the British firm Mullard. Except for
degreasing, it is not necessary to clean chemically or mechanically
the surface to be soldered. Ultrasonic soldering cannot be used
for aluminium foils thinner than 0.05 mm. According to Czech
practice, the optimum solder proved to be 60% cadmium and 40% tin,
which has a fusion point of 235 °C, a favourable shear strength
and a good resistance to corrosion. The German firm, Siemens,
recommend using 99.9% purity tin for soldering aluminium. Very good
results were obtained with using pure tin as a solder in ultrasonic
soldering; the conductivity of the solder can be appreciably
increased by adding 0.5 to 1% silver. Kovopodnik, Brno produces

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Soldering of Aluminium

Z/018/60/000/004/002/003
E073/E535

an ultrasonic soldering iron UG 100 of 70 W operated from 50 c.p.s.,
220/110 V supply, 21 kc/s and a magnetostriction vibrator weighing
0.75 kg. The oscillator weighs 9 kg, is 310 mm wide, 265 mm high
and 180 mm deep. There are 5 figures. ✓

ASSOCIATION: Remos, Prague

Card 2/2

STEPANEK, Vladimir; STEPANEK, Miroslav; CHALUPA, Jiri

Limnologic study of the reservoir Sedlice near Zeliv. V. Relation of organism counts to dissolved oxygen content. Sbor pal vod VSChT 3 no.2:221-238 '60. (EEAI 10:2)

1. Institute of Hygiene and Department of Water Technology, Prague.
(Czechoslovakia--Reservoirs) (Algae) (Oxygen)

STEPANEK, Vladimir, Dr.; METKA, Josef, Dr.

Tomographic examination of the paranasal sinuses. Cesk. roentg. 11
no.1:45-49 Mar 57.

1. Rentgenologicke oddeleni Krajske nemocnice Ostrava V Zabreh, pred-
nosta prim. MUDr Josef Metelka.

(PARANASAL SINUSES, radiography
tomography (Cz))

STEPANEK, Vladimir.;METELKA, Josef.

Use of a screen in nonmalignant x-ray therapy. Cesk. roentg. 11 no.2:
133-136 June 57.

1. Rentgenologicke oddeleni Krajske nemocnice Ostrava V, prednosta prim.
MUDr. Josef Metelka.

(RADIOTHERAPY

Use of screen in nonmalignant dis. (Cz))

STEPANEK, Vladimir, Dr. METELKA, Josef, Dr.

Tomographic & x-ray functional investigation of mandibular joint.
Cesk. rentg. 12 no.1:10-12 Mar 58.

1. Rtg. odd. KUNEZ v Ostrave V, prednosta prim. Dr. Jos. Metelka.
V. S. Paskov 61 u Ostravy.

(MANDIBLE, radiography

mandibular joint, tomography & x-ray, diag. value (Cs))

STEPANEK, Vladimír, Dr. (Paskov 61, u Ostravy)

Skeletal changes in frostbite. Cesk. rentg. 12 no.1:21-23 Mar 58.

1. Oddeleni pro lecbu popalenyh. Rtg. odd. KUNZ-Ostrava V - prim.

Dr. Jos. Metelka.

(FROSTBITE, pathol.

bones, x-ray (Cz))

(BONE AND BONES, in various dis.

frostbite, x-ray (Cz))

STEPANEK, Vladimir, Dr.; PINOS, Ladislav, Dr.; METELKA, Josef, Dr.

Gargoylism; 2 cases reports & x-ray aspects. Cesk. rentg. 12 no.1:
24-28 Mar 58.

1. Rentgenologicke oddeleni KUNZ v Ostrave-Zabrehu, prednosta primar
MUDr Josef Metelka. V. S. Paskov 61 u Ostravy.
(LIPOCHONDRODYSTROPHY, manifest.
x-ray (Cz))

STEPANEK, Vladimir; METELKA, Josef

Generalized hyperostosis & pachyderma with gastrointestinal hypertrophy.
Gesk. rentg. 12 no.4:246-249 Dec 58.

1. Rtg. odd. KUNZ - Ostrava V. V. S., UStr. rtg. odd. nemocnice, Ostrava
V, Syllahova 19.

(BONE DISEASES, case reports

pachyperioosteoderma with gastrointestinal hypertrophy (Cz))

(SKIN DISEASES, case reports
same)

(GASTROINTESTINAL DISEASES, case reports

hypertrophy with pachyperioosteoderma (Cz))

STEPANEK, V., Dr.

Fractures after electrical injuries. Acta chir. orthop. traum. cech.
25 no.3:252-254 May 58.

1. Odd. pro lecbu popalenyh Rtg. odd. KUNZ Ostrava V. primar Dr.
J. Metelka.

(FRACTURES, etiol. & pathogen.
electrical inj. (Cz))

(HUMERUS, fract.
neck of humerus, after electrical inj., case report (Cz))

(ELECTRICITY, inj. eff.
fract. of neck of humerus after electrical inj., case report
(Cz))

EXCERPTA MEDICA Sec 19 Vol 3/2 Rehabilitation Feb 60

244. **Changes in the bones after injury caused by electric current** Kostni změny při urazech elektrickým proudem. ŠTĚPÁNEK V. Rtg. Odd. KÚNZ., Ostrava V; Odd. pro Léčbu Popálených KÚNZ, Ostrava V *Rozhl. Chir.* 1958, 37/11 (785-788) Illus. 1

Based on personal observations and the literature, the following skeletal changes after injuries caused by electric current are discussed: fractures, necrosis, porosis, periostosis, ankylosis, periarthrititis, osteochondritis dissecans, fibrous changes of the compacta, traumatic cysts, calcium phosphate osseous pearls, and small osseous defects as if caused by punching. Sometimes changes in the bones appear quite a time after injury and their character may change. Fractures occur immediately

RAJNER, V.; KOZELKA, L.; STEPANEK, V.

X-ray diagnosis of otitis & mastoiditis in infants & children under 2 years of age. Cesk. otolar. 8 no.3:163-165 June 59.

1. Otolaryngologicke oddeleni KUNZ Ostrava V., prednosta prim. MUDr.
- V. Rajner Ustredni rtg oddeleni KUNZ Ostrava V., prednosta prim. MUDr.
- J. Metelka, V.R., Ostrava I., Tyrsova 24.
 (MASTOIDITIS, in inf. & child
 x-ray diag. (Cz))
 (OTITIS, in inf. & child
 same)

STĚPANEK, V.; DOLEČEK, R.; KALINA, J.

Effect of neuroplegia on the course of radiation sickness. Cesk.
fysiol. 8 no.4:324-325 July 59.

1. Oddelení pro léčbu popálených a RTG. odd. KUNZ, Ostrava V.
(RADIATION INJURY, exper.) (HIBERNATION, ARTIFICIAL, eff.)

STEPANEK, Vladimir; METELKA, Josef

Fragilitas Essentialis Ossium. Cesk. pediat. 14 no.2:134-137 5 Feb 59.

1. Rtg. odd. KUNZ v Ostrave, prim. dr. Josef Metelka. V. S., Paskov 61
u Ostravy.

(OSTEOGENESIS IMPERFECTA, case reports
fragilitas essentialis ossium (Cz))

DOLECEK, Rajko; STEPANEK, Vladimir

Functional cortical hyperfunction in a severely burned associated with diffuse osteoporosis and nephrolithiasis. Acta chir. orthop. traum. cech. 26 no.4:334-338 Aug 59.

1. Oddeleni pro lecbu popalenyh, Interni oddeleni (prednosta prim. MUDr. J. Cerny) a ustredni rentgenove oddeleni (prednosta prim. MUDr. J. Metelka) - Ostrava KUNZ.

(BURNS, compl.) (OSTEOPOROSIS, compl.)

(URINARY CALCULI, compl.) (ADRENAL CORTEX, dis.)

STEPANEK, Vladimir; METELKA, Josef.

Our experiences with grid-roentgenotherapy of non-neoplastic diseases. Cesk. rentg. 14 no.1:5-6 P '60.

1. Rtg odd. KUNZ v Ostrave V, prednosta prim. dr. Jos. Metelka.
(RADIOTHERAPY)

KOČIAN, I.; VYKYDAL, M.; KLABUSAY, L.; ŠTEPÁNEK, V.

Intra-articular use of plastic substances in rheumatology. Acta
chir.orthop.traum.czech. 27 no.5:422-427 O '60.

1. Vnitřní oddělení OUNZ, Kojetín, přednosta MUDr. I.Kočian.
Interní klinika PU, Olomouc, přednosta prof. MUDr. P.Lukl. Vnitřní
oddělení KUNZ, Ostrava, přednosta MUDr. J.Cerný. Oddělení central.
rřg KUNZ, Ostrava přednosta MUDr. J.Metelka.
 (ARTHRITIS RHEUMATOID ther)
 (POLYVINYL ther)

STEPANEK, V.

Significance of skeletal changes in burns. Acta chir. plast. 3 no.4:
318-320 '61.

1. Burns Unit, Head of the Department Dr. K. Typovsky, C. Sc. X-ray
Department, Head of the Department Dr. J. Metelka Regional Health
Centre, Ostrava V (Czechoslovakia)

(BURNS pathol) (BONE AND BONES pathol)

STEPANEK, V1.; RAJNER, V.; KOZELKA, L.

The importance of the radiological examination of the mastoid process in otitis media in infants under 2 years of age. Cesk. rentg. 15 no.1:48-52 F '61.

1. Ustredni rentgenove oddeleni KUNZ-Ostrava V., prim.dr.
Jos. Metelka; Otolaryngologicke oddeleni KUNZ-Ostrava V., prim.
dr. Vil. Rajner.

(OTITIS MEDIA radiog)

(MASTOID radiog)

KLABUSAY, L.; STEPANEK, Vl.; ENDRYAS, L.

The influence of neuroplegia on the course of radiation sickness and burns. Cas.lek.cesk 100 no.9:262-264 3 Mr '61.

1. Vnitřní oddělení, oddělení pro léčbu popálených a rtg oddělení KUNZ v Ostravě V, přednosta prim. MUDr. J. Černý, doc. MUDr. K. Typovský, MUDr. J. Metelka.

(RADIATION INJURY exper)
(~~PARA~~-AMINO BENZOIC ACID related cpds)
(ANTIHISTAMINICS pharmacol)
(ERGOT ALKALOIDS pharmacol)

TYPOVSKY, K.; BRUCKNER, L.; DOLECEK, R.; KOZIEL, M.; STEPANEK, Vl.

Metastases of breast cancer to bones and lungs and their responses to adrenalectomy. Cesk. rentgenol. 16 no.2:100-105 Ap '62.

1. Chirurgicke oddeleni Krajske nemocnice s poliklinikou v Ostrave, prednosta doc. MUDr. K. Typovsky, CSc. Onkologicke oddeleni Krajske nemocnice s poliklinikou v Ostrave, prednosta MUDr. B. Rappersberg Interni oddeleni Krajske nemocnice s poliklinikou v Ostrave, prednosta MUDr. J. Cerny.

(BREAST NEOPLASMS surg)	(BONE AND BONES neopl)
(LUNG NEOPLASMS surg)	(ADRENALECTOMY)

STEPANEK, Vladimir

Effect of heat on the skeleton and osseous changes in burns. Cesk.
rentgenol. 16 no.2:116-120 Ap '62.

1. Oddeleni pro lecbu popalenyh, rtg odd. KUNZ v Ostrave, prednosta
dr. J. Metelka.

(BONE DISEASES etiol) (BURNS compl)

BRUCKNER, L. [deceased]; BESKA, F.; CERNY, J.; STEPANEK, V.; POHLIDALOVA, L.;
KLEGA, J.

Changes of the shoulder joint in mammary carcinoma. Cesk.
radiol. 19 no.3:162-168 My '65

1. Onkologicke oddeleni (vedouci: MUDr. B. Roffersberg); patologic-
koanatomicke oddeleni (vedouci: doc. dr. C. Dvoracek); krajske
nemocnice s poliklinikou v Ostrave, a Rentfenologicke oddeleni
UNZ v Bohumine (vedouci: MUDr. V. Stepanek).

STEPAN, J.
(7-2533)

Path. anat. ustav. a psychiat. klin. lek. fak. v Hradci Kralove. Inkluzni encefalitis
Inclusion encephalitis Cas. Lek. ces. 1951, 90/42 (1229-1232) Illus. 8
One case of chronic inclusion encephalitis, a disorder described first by Dawson
in 1933, is reported. Progressive mental deterioration in a 15-year-old patient
with variable neurological signs led in 6 months to death. Grossly no changes
were found. Microscopically there were signs of chronic diffuse encephalitis in-
volving the whole brain with exception of cerebellum. No changes in the spinal
cord were found. In some nerve cells intranuclear inclusion bodies, similar to them
in herpes simplex, were demonstrated. In some nerve cells intraplasmatic, non-
specific inclusion, as described by Dawson, were noted. Animal inoculations
were not made. This chronic inclusion encephalitis may be due to a virus. A chronic
form of herpetic encephalitis is not to be excluded.

Fingerland - Hradec Kralove (V, 3)

SO: LILIPPA LITHO. Vol. 5 No. 7 Sec. VIII July 1952

STAVBY, 1. 1. 1956

New building machinery in Czechoslovakia. p. 239. INTERNSKE STAVBY.
(Ministerstvo stavebnictvi) Praha. Vol. 4, no. 5, May 1956

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

STEPANEK, Z.

STEPANEK, Z. Better utilization of the Wolf 30 TM crane. p. 384

Vol. 4, no. 10, Oct. 1956
POZEMNI STAVBY
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions Vol. 6, no. 2, 1957

STEPANENKO, A.F.

Lower Paleozoic stratigraphy of the upper Chatkal and Sandalash
Rivers (Tien Shan). Trudy VAGT no.4:59-65 '58.(MIRA 12:6)
(Chatkal Valley--Geology, Stratigraphic)
(Sandalash Valley--Geology, Stratigraphic)

3(5)

SOV/11-59-9-7/18

AUTHOR: Stepanenko, A.F.

TITLE: New Data on Pre-Cambrian (Sinian) and Lower Paleozoic Deposits of the Western Part of the Kirgiz Mountain Range (Northern Tien-Shan)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 9, pp 66-79 (USSR)

ABSTRACT: As a result of the geological survey by the All-Union Aerological Trust (VAGT), Cambrian and Ordovician rock formations were discovered in the Kirgiz Mountain Range. They were identified as such by fauna fossils found by the author. Studying the cross-section of rocks of the Kirgiz range, he singled out four complexes of strata: 1) metamorphic terrigenous-carbonaceous formations belonging (conditionally) to the Sinian period; 2) the spilitic complex belonging (conditionally) to the Lower Cambrian period; 3) volcanic-sedimentary complex belonging to

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New Data on Pre-Cambrian (Sinian) and Lower Paleozoic Deposits of the Western Part of the Kirgiz Mountain Range (Northern Tien-Shan)

the Middle and Upper Cambrian period and 4) the shale-sandstone complex belonging to the Ordovician period. The phyllitization and cleavage of rocks composing the first complex are exclusive characteristics of Pre-Cambrian metamorphic rocks. The whole complex is composed of two suites, the Kenkol and the Uchkoshay suites, the second suite overlying the first which belongs to the Upper-Proterozoic era. Both suites are of similar composition and structure. On the other hand, the Uchkoshay suite is older than the spilitic complex of the Lower Cambrian period which overlies it. The author thus considers that the Uchkoshay suite belongs to the Sinian period. The third, volcano-sedimentary complex belongs to the Middle and Upper Cambrian period, this being confirmed by the finding of

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numerous fossils of fauna identified by N.V. Pokrovskaya. That the shale-sandstone complex belongs to the Ordovician period was also determined by the fauna fossils identified by O.N. Andreyeva, V.A. Vostokova, Ye.A. Balashova, Z.G. Balashov and M.T. Kozitskaya. Comparing the cross-sections of this region with those of the Sarysy-Teniz divide, described by A.A. Bogdanov, of the eastern part of the Terskey Alatau described by V.G. Korolev, and of the north-western part of the Central Kazakhstan (figure 2), the author finds great similarity in the composition and structure of Lower Paleozoic formations of all these regions which proves that similar conditions of sedimentation existed in the Lower Paleozoic period for the whole North Tien-Shan zone. The author further compares

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New Data on Pre-Cambrian (Sinian) and Lower Paleozoic Deposits of the Western Part of the Kirgiz Mountain Range (Northern Tien-Shan)

the monotypical character of structure of Lower Paleozoic formations of the Chatkal-Naryn zone stretching for about 1,500 km between the Dzhezkazgan-Ulutau region and the sources of the Naryn river in the Middle Tien-Shan. A Lower Paleozoic structure of the North Tien-Shan zone, of another type, stretches parallel to the Chatkal-Naryn zone from the Sarysu-Teniz divide up to the eastern extremity of the Terskey Alatau range of mountains of which the Kirgiz mountain range forms a part, and that of the Talass mountain range (studied by V.A. Nikolayev, P.L. Bezrukov, V.I. Smirnov, T.A. Konyuk, and T.A. Dodonova) which divides the Chatkal zone from the Kirgiz zone. The similarity of the Talass range and the Kirgiz range cross-sections consists in the structure of their Lower Paleozoic

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SOV/11-59-9-7/18

New Data on Pre-Cambrian (Sinian) and Lower Paleozoic Deposits of the Western Part of the Kirgiz Mountain Range (Northern Tien-Shan)

formations, in both cases divided into three suites of similar importance: Lower-Cambrian, the Middle Cambrian - Lower Ordovician, and the Middle - Upper Ordovician suites. The similarity of these two complexes with the Chatkal-Naryn complex consists in the material composition of the coincidence in time of Lower Paleozoic formations. The author considers the Talass range cross-section as being transitory between the other two cross-sections. Summing up, the author says that in the Lower Paleozoic period, the Kirgiz, the Talass, and the Chatkal-Naryn zones formed a part of a huge geosynclinal region embracing the larger part of Tien-Shan and of Central Kazakhstan. The difference in the character of the cross sections of these zones and in the relative importance of separate complexes

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New Data on Pre-Cambrian (Sirian) and Lower Paleozoic Deposits of the Western Part of the Kirgiz Mountain Range (Northern Tien-Shan)

was conditioned by their geographical situation in the Lower Paleozoic syncline. There is 1 schematic geological map, 1 set of diagrams, and 15 Soviet references.

ASSOCIATION: Vsesoyuznyy aerologicheskiy trust Ministerstva geologii i okhrany nedr SSSR, Moskva (All-Union Aerological Trust of the Ministry of Geology and Conservation of Mineral Resources, Moscow)

SUBMITTED: 19 January 1959

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